

1335.2100 FLOODPROOFING REGULATIONS, SECTION 612.2.2.

FPR section 612.2.2 is amended to read as follows:

Building on Fill: The building and all parts thereof may be constructed above the RFD on an earth fill. Prior to placement of any fill or embankment materials, the area upon which fill is to be placed, including a five-foot strip measured horizontally beyond and contiguous to the toe line of the fill, shall be cleared of standing trees and snags, stumps, brush, down timber, logs and other growth, and all objects including structures on or above the ground surface or partially burned. The area shall be stripped of topsoil and all other material which is considered unsuitable by the building official as foundation material. All combustible and noncombustible materials and debris from the clearing, grubbing, and stripping operations shall be removed from the proposed fill area and disposed of at locations above the RFD and/or in the manner approved by the building official. Fill material shall be of a selected type, preferably granular and free-draining placed in compacted layers. Fill selection and placement shall recognize the effects of saturation from flood waters on slope stability, uniform and differential settlement, and scour potential.

The minimum elevation of the top slope for the fill section shall be no more than one foot below the RFD. Minimum distance from any point of the building perimeter to the top of the fill slope shall be either 15 feet or twice the depth of fill at that point, whichever is the greater distance. This requirement does not apply to roadways, driveways, playgrounds, and other related features which are not integral and functional parts of the building proper. Fill slopes for granular materials shall be not steeper than one vertical on 1-1/2 horizontal, unless substantiating data justifying steeper slopes are submitted to the building official and approved. For slopes exposed to flood velocities of less than five feet per second, grass or vine cover, weeds, bushes, and similar vegetation undergrowth will be considered to provide adequate scour protection.

Statutory Authority: *MS s 104.05*

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